

1631  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: WEI, AI-PING  
Serial No.: 09/448633  
Filed: NOVEMBER 24, 1999  
Confirmation No.: 5266

Examiner: M. MORAN  
Group Art Unit: 1631  
Docket: 53091US009 (7780.884US11)  
Notice of Allow. --  
Date:

Due Date: MAY 10, 2003

Title: FLUOROGENIC PROTEASE SUBSTRATES BASED ON DYE-DIMERIZATION

## CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 4-30-03.

By: Kay England  
Name: Kay England

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED

Sir:

MAY 07 2003

We are transmitting herewith the attached:

TECH CENTER 1600/2900

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing  
☒ Amendment Including Version With Markings To Show Changes Made  
☒ Other: ASSOCIATE POWER OF ATTORNEY  
☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: Ronald A. Daignault  
Name: Ronald A. Daignault  
Reg. No.: 25,968  
RADaignault:kf

(PTO TRANSMITTAL - GENERAL)



N 09/448,633

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wei et al. Examiner: M. Moran  
Serial No.: 09/448,633 Group Art Unit: 1631  
Filed: 11/24/99 Docket No.: 7780.884US  
Title: FLUOROGENIC PROTEASE SUBSTRATES BASED ON DYE-DIMERIZATION

RECEIVED  
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By: Kay Fahland  
Name: Kay Fahland

#20/D  
Plunkett  
5/8/11/03

AMENDMENT AND RESPONSE

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is an Amendment and Response to the Office Action dated February 10, 2003, as respectfully submitted.

In the Claims:

✓  
Please cancel claims 2, 11 and 14.

Please amend claims 1, 12 and 21 as follows:

1. (Four times amended) A method of biological assay comprising:
- a) providing an enzyme substrate comprising two or more identical fluorescence dye groups bound to a flexible peptide comprising one or more enzymatically cleavable bonds, the dye groups being drawn together by free energy attractions

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